H²YDRATE

Unlock the Power of Hydrogen:

PRODUCT MANUAL

Your Guide to Using the H2YDRATE Hydrogen Water Bottle

WHAT IS HYDROGEN WATER?

Hydrogen, the lightest and most abundant element in the universe, holds a fascinating secret. When infused into water, this tiny molecule transforms regular H2O into a powerful health elixir. Imagine water, already essential for life, supercharged with hydrogen molecules (H2) that can penetrate cells with ease. This small change brings a huge impact on health and wellness, offering benefits that regular water simply can't.

OUR COMMITMENT

At H2YDRATE, we aspire to continuously develop products that provide the clean, mineral-rich water we all deserve. We achieve this by improving existing solutions or introducing new technology to the market. With both our customers and the planet in mind, we've designed this Hydrogen Water Bottle as a sustainable alternative to single-use bottled water.

Our Hydrogen Water Bottle is your ultimate wellness companion for life on the move. With advanced SPE and PEM technology, you can enjoy the benefits of hydrogen water anytime.

PRECAUTIONS

- Moisture under the silicon plug is normal and essential for optimal performance.
- When using the hydrogen water bottle for the first time, activate the PEM membrane by filling the tank with water (about 90% full) and soak for one hour before turning on.
- Never operate the generator without filtered water.
- Do NOT charge overnight.
- Do NOT put the generator unit in a refrigerator or cooler. Hydrogen water is most effective when consumed immediately.

PRECAUTIONS - CONTINUED

- Do NOT soak or submerge the hydrogen production unit under water.
- Avoid direct sunlight or heat that can dry out the electrode plate.
- Use room temperature filtered water. Never use ice. Do NOT use hot water exceeding 140 degrees F/60 degrees C.
- Never use high output charging blocks (no lightning/fast charging blocks or Apple chargers). Always use the provided charging block.
- Use only drinking water, such as bottled mineral water, purified water from home water purifiers, or cold boiled water.
- When not in use, store a small amount of water in the hydrogen production base in a cool place to keep the membrane wet and prevent it from drying out. Empty the water and rinse before using again.
- Do not use the bottle for more than 10 minutes at a time to avoid breaking the borosilicate glass.
- Keep the USB-C head and charging port dry and clean. Always cover the port with the rubber stopper when not charging.
- Keep out of reach of children and pets.
- Keep away from heat and flames.
- Do NOT unplug the device with wet hands.

HOW TO USE

1. Remove the hydrogen water bottle from the packaging and take out the orange silicone plug from the base.
2. Ensure the waterproof silicone ring is in place.
3. Tighten the chamber and base, clean the chamber with tap water, then fill the bottle with distilled or purified water (about 80% full) and screw on the cap. Be careful not to fill the bottle completely.

4. Press the button once to produce hydrogen-rich water in 5 minutes, achieving 2000-3000 ppb, or press twice for a 10-minute mode, achieving around 3000-6500 ppb. The display will count down until production is complete before shutting off automatically.
5. To switch off manually, press and hold the button for 2 seconds.
6. Charge the bottle using the provided USB-C cable and adapter. It will take 2-3 hours to fully charge.

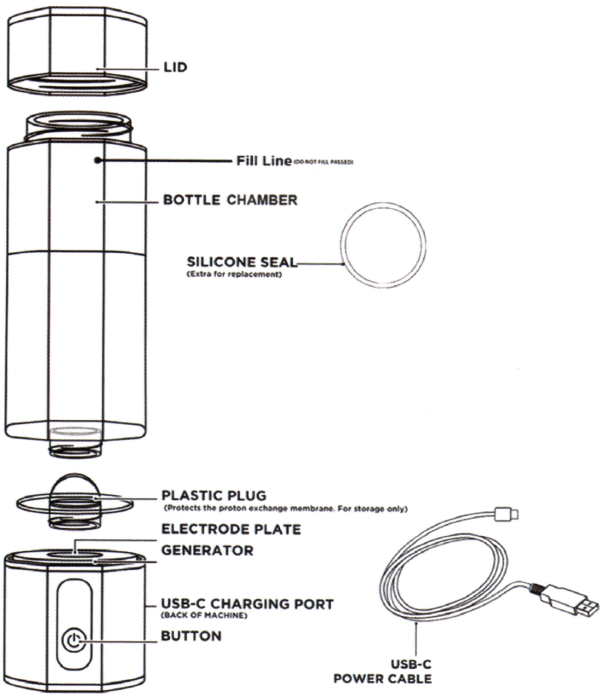
HOW TO USE PLASTIC WATER BOTTLE ATTACHMENT

Our bottle adapter works with plastic water bottles like Smartwater, Essentia, Fiji, and Evian. To use one of these bottles instead of the provided chamber, start by inserting the bottle adapter into the hydrogen production base. Then, follow these steps:

1. Remove the lid from the plastic bottle.
2. Screw the hydrogen production base with the bottle adaptor onto the top of the plastic water bottle and tighten it securely.
3. Flip the entire unit upside down.
4. Press the button once to produce hydrogen-rich water in 5 minutes, achieving 2000-3000 ppb, or press twice for a 10-minute mode, achieving around 3000-8000 ppb. The display will count down until production is complete before shutting off automatically.

WHAT IS INSIDE

1x - Hydrogen Generating Water Bottle
1x - USB-C charger
1x - USB Charging Block
1x - Bottle Adaptor For Plastic Bottle
1x - Bottle Bag Holder



IMPORTANT NOTICE: Our hydrogen water bottle base will arrive wet. This is a standard procedure to ensure the membrane remains moist and in optimal condition. Please note that this does not indicate that the bottle is used. You may find moisture underneath the silicon plug, which is essential for maintaining the product's performance.

HAND WASH ONLY!

CHARGING INSTRUCTIONS

Connect the device to the provided USB-C charger and plug it into a power source. Wait for the battery symbol on the display to blink, showing that charging has started. When fully charged, the battery symbol will stay on, signaling you to disconnect the power. You can use the bottle 10-20 times after a full charge.

MAINTENANCE

HAND WASH ONLY - DO NOT PLACE IN DISHWASHER

Flush the interior and exterior of the chamber with warm water. Use warm, soapy water if necessary, but refrain from scrubbing the water bottle. Avoid contact with water on the exterior of the hydrogen production base near the USB-C charger.

Never use any chemical cleaners on the generator unit.

Regularly clean the air vent if it's used for an extended period to prevent a buildup of minerals that can lead to poor air outlet performance.

Battery Type	Polymer Lithium Battery
Battery Capacity	3.7V / 2200mAh
Voltage Input	5V--1A
Water Capacity	7.03 oz
Hydrogen Production Modes	5 and 10 minutes
Product Size	2.48 in x 7.79 in
Water Cup Net Wt	13.23 oz
Electrolysis Method	DuPont Proton Membrane + Platinum Titanium Electrode
Cup Material	Food Grade PC